

Work Order ID 111191-2

\*111191\*

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Thursday, January 09, 2014 11:40:30 AM

Item ID: D4728-046 Accept \*N9000040100\* Setup Start \*NS1\*

Revision ID: RH Cabin Speaker #3 Stop \*NS2\*

Item Name: 2

Start Date: 1/9/2014 Start Qty: 4.00 \*4\* Cust Item ID:

Required Date: 1/24/2014 Req'd Qty: 4.00 \*4\* Customer:

Reference:

Approvals: Process Plan: [Signature] Date: 1/10/14 Tooling: Date: Run Start \*NR1\*

QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4728	8 D								

110

0.00

\*110\*

Outsource8

Outsource process- Eagle

Memo

Issue P/O to Eagle : 22565  
Manufacture as per dwg  
Certificate of conformity required

0.00

CL 1/10/14 (4)

120

0.00

\*120\*

Packaging

Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

Inspect and check certificate of conformity

0.00

14.01.22  
14.01.22

1/14/14 (2)  
1/14/14 (2)

130

0.00

\*130\*

QC

Quality Control

QC4- 100% Inspect kits for completeness

Memo

0.00

14/1/23

2

DAS  
16  
9-89

14/01/27

(x2)



Work Order ID 111191

\*111191\*

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Thursday, January 09, 2014 11:40:31 AM

Item ID: D4728-046 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: RH Cabin Speaker #3  
 Start Date: 1/9/2014 Start Qty: 4.00 \*4\* Cust Item ID:  
 Required Date: 1/24/2014 Req'd Qty: 4.00 \*4\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140	Identify as per dwg & Stock Location: <u>57/21</u>	0.00							
<b>*140*</b>									
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
<b>*150*</b>									
QC	Memo	0.00							
Quality Control									

OAS  
 32  
 3-BS  
16/01/23 (2)  
 MCT 14-01-27  
 MCT 14-01-27





# Picklist Print

Page 1

Thursday, January 09, 2014 11:40:34 AM

Work Order ID: 111191

\*111191\*

Parent Item: D4728-046

\*D4728-046\*

Parent Item Name: RH Cabin Speaker #3

Start Date: 1/9/2014

Required Date: 1/24/2014



Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 12.11.09 NEW ISSUE DD VERF:JLM  
B 13/07/24 DWG. UPDATE DL VERIFIED BY:JLM

IPP REV:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4728-046P		Purchased		No			Each	0.0000		4			
*D4728-046P*									**				
RH Cabin Speaker #3													

14/1/13 (2)   
14/01/14 (2) 



LIST OF MATERIALS				
QTY PER	ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
	2	1	640911-1	TERMINAL
	1	2	M24308/4-2Z	CONNECTOR
A/R (2)		3	M39029/84-369	CONTACTS
	1	4	M85049/48-2-2F	BACKSHELL
	2	5	M24308/28-1F	JACKSCREW KIT
	1	6	MS25036-148	TERMINAL



D4728-046 RH SPEAKER #3 HARNESS ASSY.

*CL 14/10/22*  
*W/O: 111191*

**NOTES:**

- ALL NEW UNSHIELDED WIRE USE M22759/41-XX-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS).
- SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR.
- ALL NEW TWISTED SHIELDED CABLE USE M27500-XXT0X114 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

DESIGN	<i>Dub</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>Dub</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>Dub</i>	DRAWING NO.	REV D
MFG. APPR	<i>Dub</i>	D4728	SHEET 6 OF 15
APPROVED	<i>Dub</i>	TITLE	SCALE
DE APPR	<i>Dub</i>	UTILITY INTERIOR WIRING HARNESS	NTJ
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRELIMINARY AND IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



1. The first part of the paper is devoted to a general discussion of the problem. It is shown that the problem is of great importance in the theory of the structure of the atom.

2. In the second part of the paper, the author gives a detailed account of the experiments which have been carried out in this field. It is shown that the results of these experiments are in good agreement with the theoretical predictions.

3. The third part of the paper is devoted to a discussion of the results of the experiments. It is shown that the results are in good agreement with the theoretical predictions. The author also discusses the possible causes of the discrepancies between the experimental results and the theoretical predictions.

4. In the fourth part of the paper, the author gives a detailed account of the theoretical calculations which have been carried out in this field. It is shown that the results of these calculations are in good agreement with the experimental results.

5. The fifth part of the paper is devoted to a discussion of the results of the calculations. It is shown that the results are in good agreement with the experimental results. The author also discusses the possible causes of the discrepancies between the experimental results and the theoretical predictions.

6. In the sixth part of the paper, the author gives a detailed account of the theoretical calculations which have been carried out in this field. It is shown that the results of these calculations are in good agreement with the experimental results.

7. The seventh part of the paper is devoted to a discussion of the results of the calculations. It is shown that the results are in good agreement with the experimental results. The author also discusses the possible causes of the discrepancies between the experimental results and the theoretical predictions.





INNOVATIVE HELICOPTER SOLUTIONS

# PACKING SLIP

DATE: 23 Jan 14

Page 1 of 2

FROM: Eagle Copters Maintenance Ltd.  
823 McTavish Rd. NE  
Calgary, AB, Canada  
T2E 7G9

SHIP TO : DART Aerospace

ITEM NO.	QUANTITY ORDERED	QUANTITY SHIPPED	BACK ORDERED	PART NUMBER	BATCH / S/N NUMBER	CUSTOMER PURCHASE ORDER	EAGLE WORK ORDER	DESCRIPTION
1	24	24	0	640911-1	See W.O.	Inventory	50966	Spade Socket
2	12	12	0	M24308/2-2Z	See W.O.	Inventory	50966	Connector
3	12	12	0	M85049/48-2-2F	See W.O.	Inventory	50966	Backshell
4	24	24	0	M24308/26-1F	See W.O.	Inventory	50966	Female Screw Jack
5	9	9	0	1-480303-0	See W.O.	Inventory	50966	Connector
6	28	28	0	60617-1	See W.O.	Inventory	50966	Contact
7	12	12	0	MS25036-148	See W.O.	Inventory	50966	Terminal
8	130FT	130FT	0	M22759/41-20-9	See W.O.	Inventory	50966	Wire
9	24FT	24FT	0	M27500-20TG2T14	See W.O.	Inventory	50966	Wire
10	9	9	0	1-480305	See W.O.	Inventory	50966	Connector
11	30	30	0	60618-1	See W.O.	Inventory	50966	Contact
12	5	5	0	350781-1	See W.O.	Inventory	50966	Connector

**CERTIFICATE OF COMPLIANCE**☒

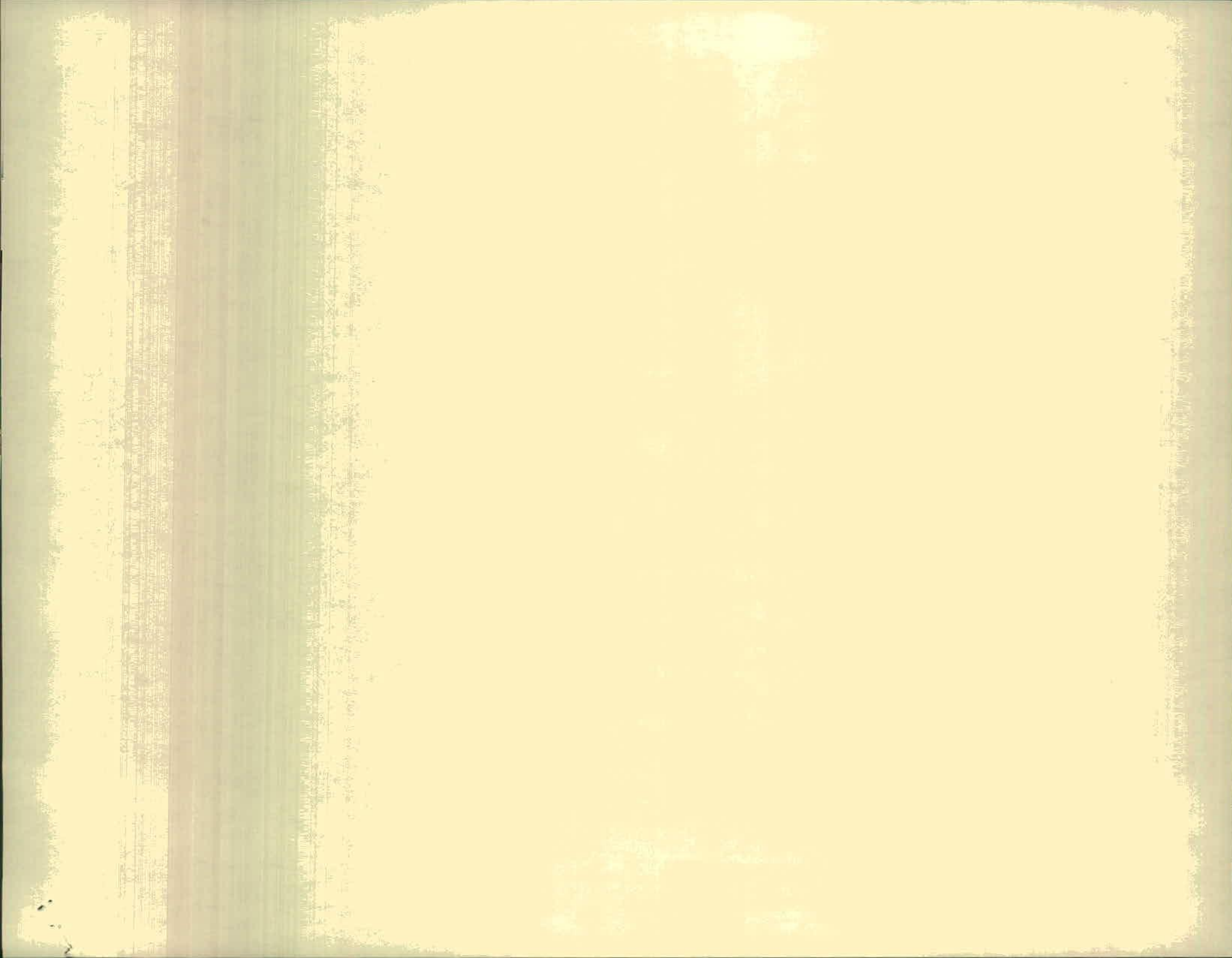
EAGLE COPTERS CERTIFIES THAT THE ITEMS OR MATERIALS COVERED BY THIS DOCUMENT HAVE BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OF THE CONTRACT AND THAT ALL INSPECTION OPERATIONS AND TESTS HAVE BEEN COMPLETED AND THE PRODUCTS COMPLY IN EVERY RESPECT WITH THE RELEVANT PARTICULAR SPECIFICATIONS, DRAWINGS, AND RELEVANT STANDARDS AND REGULATIONS IN FORCE.

**DISTRIBUTOR STATEMENT OF CONFORMANCE**☐

I HEREBY CERTIFY THAT THE AIRCRAFT PARTS DESCRIBED HEREON WERE ACQUIRED FROM A SOURCE OF SUPPLY THAT IS CONSISTENT WITH THE CONDITIONS UNDER WHICH TRANSPORT CANADA APPROVED DISTRIBUTOR APPROVAL NUMBER 6-81 HAS BEEN GRANTED

AUTHORIZED INSPECTOR:  
TCCA APPROVAL NO. 6-81







# PACKING SLIP

DATE: 23 Jan 14

Page 2 of 2

FROM: Eagle Copters Maintenance Ltd.  
823 McTavish Rd. NE  
Calgary, AB, Canada  
T2E 7G9

SHIP TO : DART Aerospace

ITEM NO.	QUANTITY ORDERED	QUANTITY SHIPPED	BACK ORDERED	PART NUMBER	BATCH / S/N NUMBER	CUSTOMER PURCHASE ORDER	EAGLE WORK ORDER	DESCRIPTION
13	10	10	0	350690-3	See W.O.	Inventory	50966	Contact
14	2	2	0	1-480426-0	See W.O.	Inventory	50966	Connector
15	2	2	0	M83536/2-024M	See W.O.	Inventory	50966	Relay
16	2	2	0	M12883/45-01	See W.O.	Inventory	50966	Relay Socket
17	2	2	0	1-480424-0	See W.O.	Inventory	50966	Connector
18	4	4	0	MS25036-103	See W.O.	Inventory	50966	Terminal

## CERTIFICATE OF COMPLIANCE

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## DISTRIBUTOR STATEMENT OF CONFORMANCE

☐ I HEREBY CERTIFY THAT THE AIRCRAFT PARTS DESCRIBED HEREON WERE ACQUIRED FROM A SOURCE OF SUPPLY THAT IS CONSISTENT WITH THE CONDITIONS UNDER WHICH TRANSPORT CANADA APPROVED DISTRIBUTOR APPROVAL NUMBER 6-81 HAS BEEN GRANTED

AUTHORIZED INSPECTOR:  
TCCA APPROVAL NO. 6-81



*[Signature]*





Work Order Number: 50966

Dart Aerospace Ltd.

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

Item: 6 R/H CABIN SPEAKER #3

**Squawk: 6.1**Discrepancy:Assemble D4728-046P as  
per DWG D4728 Rev. C  
B111191Resolution:Assembled D4728-046P as  
per DWG D4728 Rev. C  
B111191

6.1 Work Done By: CAROL ROBINSON

*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/22/2014Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
640911-1	SPADE SOCKET .205 22-18AWG		LT-09-009742.2	New	2
M24308/4-2Z	CONNECTOR		LT-13-010301.1	New	1
M85049/48-2-2F	BACKSHELL		LT-13-010304.1	New	1
M24308/26-1F	FEMALE SCREW JACK		LT-13-010309	New	2
MS25036-148	TERMINAL		LT-14-000683	New	1
M27500-20TG2T14	WIRE		LT-05-003764	New	2

**Squawk: 6.2**Discrepancy:Assemble D4728-046P as  
per DWG D4728 Rev. C  
B111191Resolution:Assembled D4728-046P as  
per DWG D4728 Rev. C  
B111191

6.2 Work Done By: CAROL ROBINSON

*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/22/2014Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
640911-1	SPADE SOCKET .205 22-18AWG		LT-09-009742.2	New	2
M24308/4-2Z	CONNECTOR		LT-13-010301.1	New	1
M85049/48-2-2F	BACKSHELL		LT-13-010304.1	New	1
M24308/26-1F	FEMALE SCREW JACK		LT-13-010309	New	2
MS25036-148	TERMINAL		LT-14-000680	New	1
M27500-20TG2T14	WIRE		LT-05-003764	New	2

\*\*\*\*\* Original Maintenance Releases and Independent Control Inspection details are stored electronically at \*\*\*\*\*

\*\*\*\*\* Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software \*\*\*\*\*





Work Order Number: 50966

Dart Aerospace Ltd.

*This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.***Squawk: 6.3**Discrepancy:Assemble D4728-046P as  
per DWG D4728 Rev. C  
B111191Resolution:Assembled D4728-046P as  
per DWG D4728 Rev. C  
B111191**6.3** Work Done By: CAROL ROBINSON*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/23/2014Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
640911-1	SPADE SOCKET .205 22-18AWG		LT-09-009742.2	New	2
M24308/4-2Z	CONNECTOR		LT-13-010298.1	New	1
M85049/48-2-2F	BACKSHELL		LT-13-010304.1	New	1
M24308/26-1F	FEMALE SCREW JACK		LT-13-010309	New	2
MS25036-148	TERMINAL		LT-14-000682	New	1
M27500-20TG2T14	WIRE		LT-05-003764	New	2

**Squawk: 6.4**Discrepancy:Assemble D4728-046P as  
per DWG D4728 Rev. C  
B111191Resolution:Assembled D4728-046P as  
per DWG D4728 Rev. C  
B111191**6.4** Work Done By: CAROL ROBINSON*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/23/2014Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
640911-1	SPADE SOCKET .205 22-18AWG		LT-09-009742.2	New	2
M24308/4-2Z	CONNECTOR		LT-13-010298.1	New	1
M85049/48-2-2F	BACKSHELL		LT-13-010304.1	New	1
M24308/26-1F	FEMALE SCREW JACK		LT-13-010309	New	2
MS25036-148	TERMINAL		LT-14-000687	New	1
M27500-20TG2T14	WIRE		LT-05-003764	New	2

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